

# JCL/JCS Requirements and Examples

This section describes the job control information required to run ADADCK with BS2000, OS/390 or z/OS, VM/ESA or z/VM, and VSE/ESA systems and shows examples of each of the job streams.

This chapter covers the following topics:

- BS2000
  - OS/390 or z/OS
  - VM/ESA or z/VM
  - VSE/ESA
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## BS2000

Dataset	Link Name	Storage	More Information
Associator	DDASSORn	disk	
Data Storage	DDDATARn	disk	
ADARUN parameters	SYSDTA/ DDCARD		<i>Operations</i>
ADADCK parameters	SYSDTA/ DDKARTE		
ADARUN messages	SYSOUT DDPRINT		<i>Messages and Codes</i>
ADADCK messages	SYSLST DDDRUCK		<i>Messages and Codes</i>

### ADADCK JCL Example (BS2000)

In SDF Format:

```
/ .ADADCK LOGON
/MODIFY-TEST-OPTIONS DUMP=YES
/REMARK *
/REMARK *A D A D C K DATA STORAGE CHECK
/REMARK *
/REMARK *
/ASS-SYSLST L.DCK.DATA
/ASS-SYSDTA *SYSCMD
/SET-FILE-LINK DDLIB,ADAvrs.MOD
/SET-FILE-LINK DDASSOR1,ADAYYYYY.ASSO,SHARE-UPD=YES
/SET-FILE-LINK DDDATAR1,ADAYYYYY.DATA,SHARE-UPD=YES
/START-PROGRAM *M(ADA.MOD,ADARUN),PR-MO=ANY
ADARUN PROG=ADADCK,DB=YYYYYY,IDLNAME=ADABAS5B
ADADCK DSCHECK FILE=27
/LOGOFF SYS-OUTPUT=DEL
```

**In ISP Format:**

```

/.ADADCK LOGON
/OPTION MSG=FH,DUMP=YES
/REMARK *
/REMARK *A D A D C K DATA STORAGE CHECK
/REMARK *
/REMARK *
/SYSFILE SYSLST=L.DCK.DATA
/FILE ADA.MOD,LINK=DDLIB

/FILE ADAYYYYY.ASSO ,LINK=DDASSOR1,SHARUPD=YES
/FILE ADAYYYYY.DATA ,LINK=DDDATAR1,SHARUPD=YES
/EXEC (ADARUN,ADA.MOD)
ADARUN PROG=ADADCK,DB=YYYYYY,IDLNAME=ADABAS5B
ADADCK DSCKECK FILE=27
/LOGOFF NOSPOOL

```

**OS/390 or z/OS**

Dataset	DD Name	Storage	More Information
Associator	DDASSORn	disk	
Data Storage	DDDATARn	disk	
ADARUN parameters	DDCARD	reader	<i>Operations</i>
ADADCK parameters	DDKARTE	reader	
ADARUN messages	DDPRINT	printer	<i>Messages and Codes</i>
ADADCK messages	DDDRUCK	printer	<i>Messages and Codes</i>

**ADADCK JCL Example (OS/390 or z/OS)**

Refer to ADADCK in the MVSJOBS dataset for this example.

```

//ADADCK      JOB
//*
//*      ADADCK:
//*          DATA STORAGE CHECK
//*
//DCK      EXEC PGM=ADARUN
//STEPLIB  DD   DISP=SHR,DSN=ADABAS.Vvrs.LOAD           <==== ADABAS LOAD
//*
//DDASSOR1 DD   DISP=SHR,DSN=EXAMPLE.DBYYYYY.ASSOR1 <==== ASSO
//DDDATAR1 DD   DISP=SHR,DSN=EXAMPLE.DBYYYYY.DATAR1 <==== DATA
//DDDRUCK  DD   SYSOUT=X
//DDPRINT   DD   SYSOUT=X
//SYSUDUMP  DD   SYSOUT=X
//DDCARD    DD   *
ADARUN PROG=ADADCK,SVC=xxx,DEVICE=dddd,DBID=YYYYYY
/*
//DDKARTE   DD   *
ADADCK DSCKECK FILE=27
/*

```

## VM/ESA or z/VM

Dataset	DD Name	Storage	More Information
Associator	DDASSORn	disk	
Data Storage	DDDATARn	disk	
ADARUN parameters	DDCARD	disk/ terminal/ reader	<i>Operations</i>
ADADCK parameters	DDKARTE	disk/ terminal/ reader	
ADARUN messages	DDPRINT	disk/ terminal/ printer	<i>Messages and Codes</i>
ADADCK messages	DDDRUCK	disk/ terminal/ printer	<i>Messages and Codes</i>

### ADADCK JCL Example (VM/ESA or z/VM)

```

DATADEF DDASSOR1,DSN=ADABASVv.ASSO,VOL=ASSOV1
DATADEF DDDATAR1,DSN=ADABASVv.DATA,VOL=DATAV1
DATADEF DDPRINT,DSN=ADADCK.DDPRINT,MODE=A
DATADEF DUMP,DUMMY
DATADEF DDDRUCK,DSN=ADADCK.DDDRUCK,MODE=A
DATADEF DDCARD,DSN=RUNDCK.CONTROL,MODE=A
DATADEF DDKARTE,DSN=ADADCK.CONTROL,MODE=A
ADARUN

```

Contents of RUNDCK CONTROL A1:

```
ADARUN PROG=ADADCK,DEVICE=dddd,DB=YYYYYY
```

Contents of ADADCK CONTROL A1:

```
ADADCK DSCHECK FILE=27
```

## VSE/ESA

File	Symbolic Name	Storage	Logical Unit	More Information
Associator	ASSORn	disk	*	
Data Storage	DATARn	disk	*	
ADARUN parameters	- CARD CARD	reader tape disk	SYSRDR SYS000 *	
ADADCK parameters		reader	SYSIPT	
ADARUN messages		printer	SYSLST	<i>Messages and Codes</i>
ADADCK messages		printer	SYS009	<i>Messages and Codes</i>

\* Any programmer logical unit may be used.

## ADADCK JCS Example (VSE/ESA)

See Procedures for VSE/ESA Examples for descriptions of the VSE/ESA procedures (PROCs).

Refer to member ADADCK.X for this example.

```
* $$ JOB JNM=ADADCK,CLASS=A,DISP=D
* $$ LST CLASS=A,DISP=D
// JOB ADADCK
*       DATA STORAGE CHECK
// EXEC PROC=ADAVvLIB
// EXEC PROC=ADAVvFIL
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADADCK,MODE=MULTI,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
ADADCK DSCHECK FILE=27
/*
/&
* $$ EOJ
```